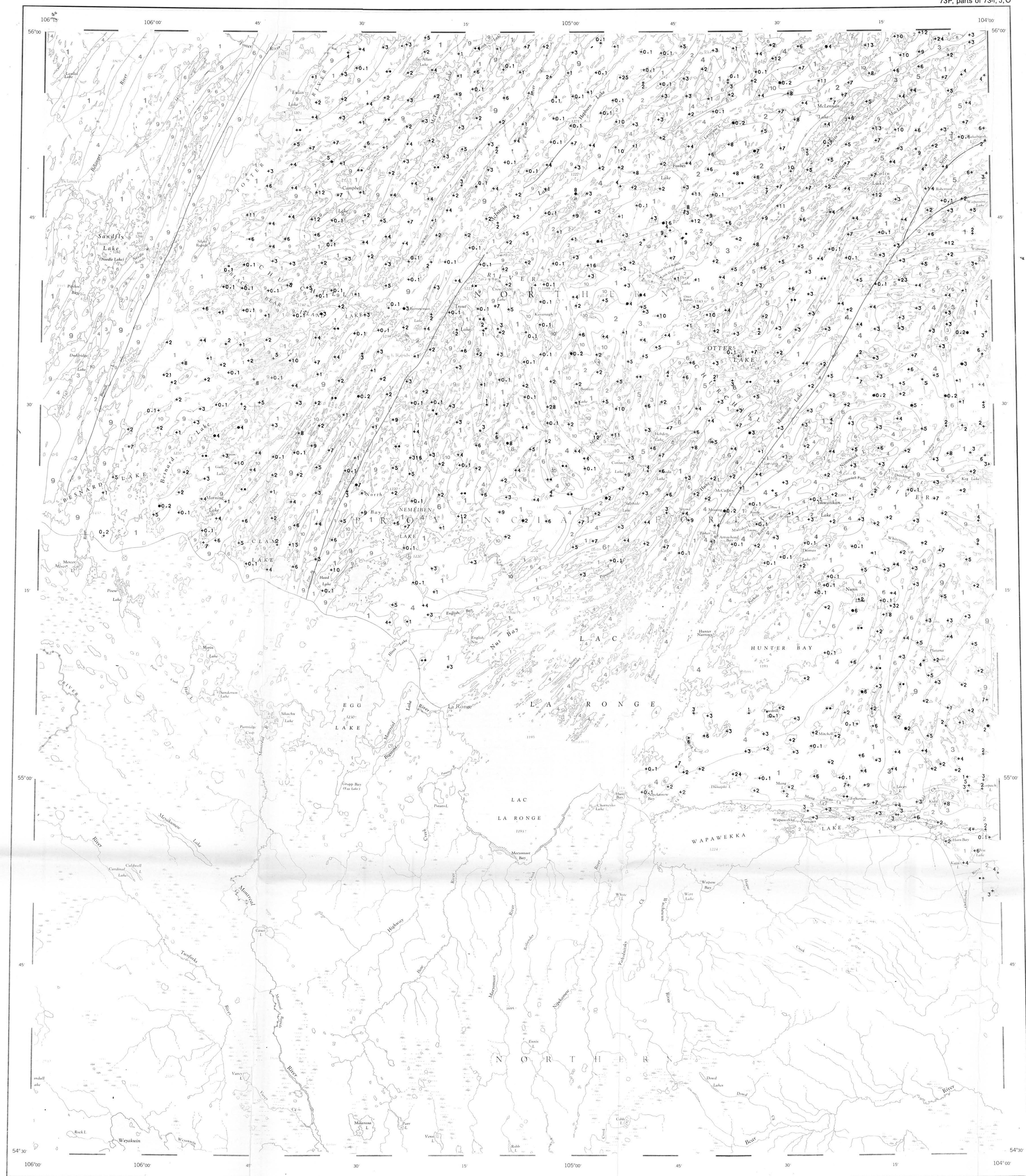


SURFICIAL GEOLOGY
Scale 1:1000 000

Rock	Geomorphic Modifier
GLP (Gabbro)	c concealed
GLV (Granite)	h hummocky
GLD (Diorite)	w weathered
GLM (Mylonite)	a drumlinoid
GLC (Conglomerate)	e eroded
GLF (Felsic)	g gullied
GLI (Igneous)	k collapsed
GLG (Gneiss)	p plain
GLV (Vegetation)	v veneer
GLR (Ridged)	r ridged

Complexes: where two or more classes of terrain are interspersed in a mosaic or repeating pattern the proportion of each component in the combination is given in a three-position designation set off by slashes denoting arbitrary percentage limits. For example, "Mv/O/R" means that at least 60% of the area is underlain by thin till, with up to 40% boggy areas, and less than 15% scattered rock outcrops. "Rv/R" indicates more than 60% bedrock concealed by vegetation and less than 15% outcrop.

Surficial geology was modified from Quaternary Geology of the Precambrian Shield of Saskatchewan, 1984, Map 221A (to accompany report 221) by B.T. Schreiner



LEGEND

Note: This legend is common for Regional Geochemical Reconnaissance Map 73-1984, Open File 1129

PRECAMBRIAN BASEMENT COMPLEX

- 10 (UMFC) Metafic and ultramafic rocks; includes gabbro, pyroxenite, diorite, quartz diorite and basalt
- 9 (MGMT) Migmatite and mylonite zones; complexes of mixed metasediment and granite
- 8 (MRBL) Marble and calc-silicate gneisses
- 7 Conglomerate
- 6 (AMPB) Amphibolite and hornblende-bearing gneisses; in part may be volcanic, intrusive or sedimentary in origin, contains hypersilene-bearing amphibolite gneisses west of Virgin River
- 5 (MSDM) Mixed metasediments; undifferentiated schists and gneisses of pelitic, semi-pelitic and psammitic composition
- 4 (PSCS) Pelitic schists and gneisses; essentially aluminous metasediments including cordierite-, sillimanite-, staurolite-, and garnet-bearing biotite gneisses (many rocks mapped as "biotite gneisses" are psammitic); north of Lake Athabasca grade into migmatites
- 3 (MARK) Psammites; essentially meta-arkose, quartzite and micaceous psammites
- 2 (MVCC) Metavolcanic rocks and meta-greuwacks; includes basalt, andesite, rhyolite, volcanic breccia, tuff, agglomerate, subordinate meta-greuwacke, chlorite schist and hornblende schist
- 1 (GRNT) Granite, granodiorite, quartz monzonites; may be massive or gneissic, includes areas in which meta-sediments may be intimately mixed

* A four letter mnemonic name recorded as rock type as part of field observations

Geology boundary
Fault
No analytical result
Gold value with detection limit of 1 ppb
Gold value with detection limit of 2 ppb

This legend was modified and the geology derived for this geochemical map from Geology Map of Saskatchewan, 1972

This file consists of 4 geochemical maps, the area being divided into 4 sheets, and 4 sample site location maps

Geological Survey of Canada
Resource Geophysics and Geochemistry Division
and
Department of Mineral Resources
Saskatchewan Geological Survey

CONTRACTORS

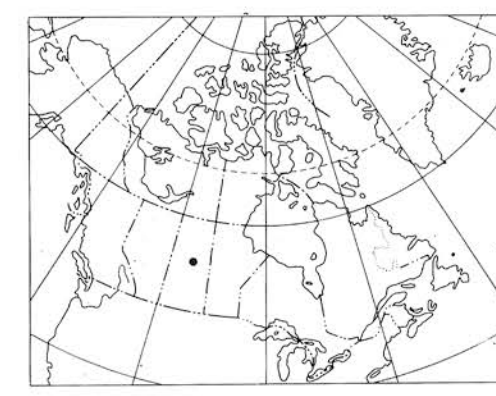
Sample collection by Trigg, Woollett & Associates Ltd.
Sample preparation by Staff of the Saskatchewan Geological Survey
Gold analysis by Novatrack Analysis, Vancouver

Copies of map material and listings of field observations and analytical data, from which the material was prepared, may be available at users expense by application to:

K.G. Campbell Corporation
880 Wellington St.
Box 238
Ottawa, Ontario
K1R 6K7

The data are also available in digital form. For further information please contact:

The Director
Computer Science Centre
Department of Energy, Mines and Resources
Ottawa, Ontario
K1A 0G4



Elevation in feet above mean sea level

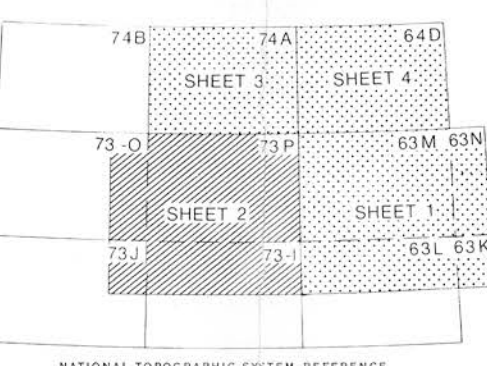
Mean magnetic declination 1985, 1995: East, decreasing 19.4' annually. Readings vary from 1450' in the SE corner to 1795' in the NW corner of the map area

GOLD (ppb)
GSC OPEN FILE 1129
SHEET 2
REGIONAL GEOCHEMICAL RECONNAISSANCE MAP 73-1984
CANADA - SASKATCHEWAN
MINERAL DEVELOPMENT AGREEMENT (1984-89)
LAKE SEDIMENT GEOCHEMICAL SURVEY
EAST-CENTRAL SASKATCHEWAN, 1984
(a supplement to GSC Open File 266 and 488)

Scale 1:250 000

Universal Transverse Mercator Projection
© Crown Copyrights reserved

Base map assembled by the Geological Cartography Unit from maps published at the same scale by the Surveys and Mapping Branch in 1961, 1964, 1965



GOLD (ppb)
GSC OPEN FILE 1129
EAST-CENTRAL SASKATCHEWAN, 1984
(a supplement to GSC Open File 266 and 488)